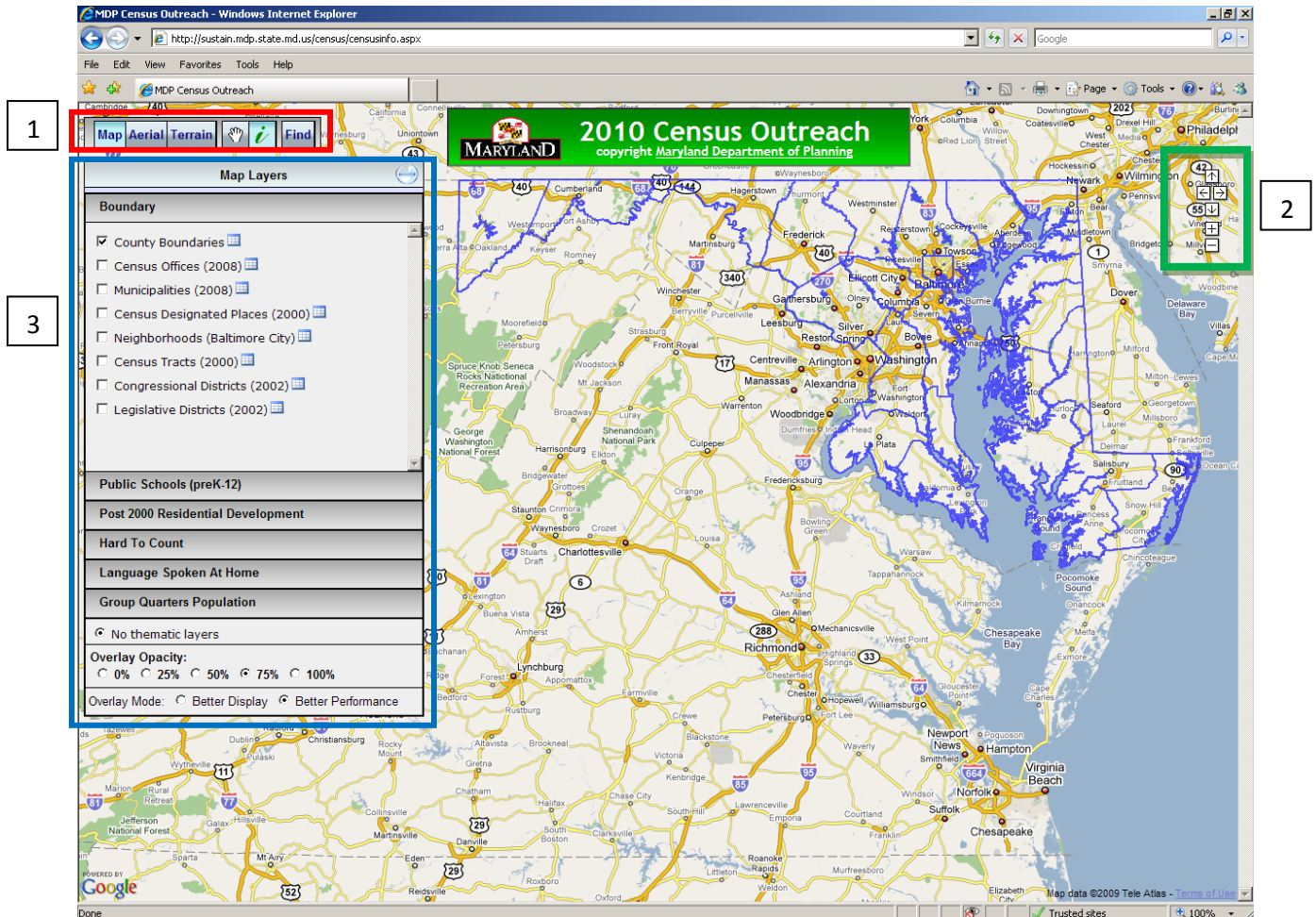


Using the Maryland Department of Planning's Online 2010 Census Outreach Map

First, navigate to the site, located at <http://sustain.mdp.state.md.us/census/censusinfo.aspx>

Once you click on the link, you will see this window:



There are three sets of controls to help you navigate through the map and display information:

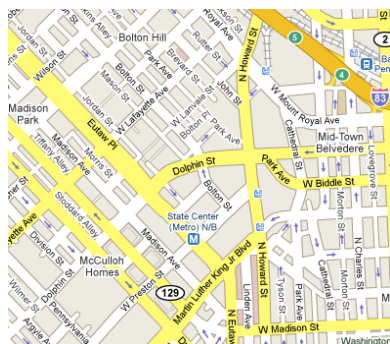
1. The display toolbar at the top left of the screen (outlined in red);
2. The pan and zoom controls at the top right (outlined in green); and
3. The Map Layers toolbox (outlined in blue).

1. Using the Display Toolbar

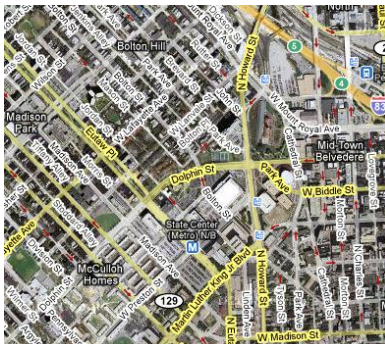


The display toolbar has four functions. First, it allows you to switch between three available base maps: “Map,” which shows roads and major features; “Aerial,” which uses aerial photographs as the base; and “Terrain,” which uses a basemap that shows ground contours and elevations.

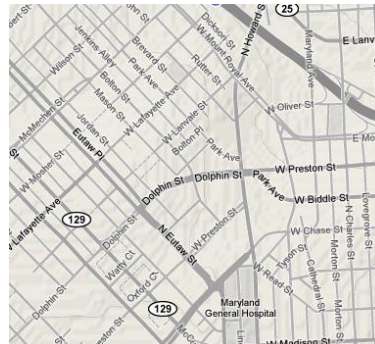
Map View



Aerial View



Terrain View

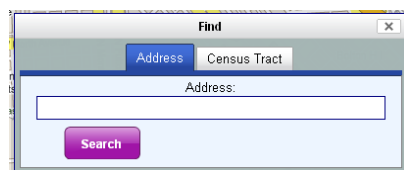


Second, it allows you to move the center of the map around (pan) using the “hand” tool. Click on the hand icon to highlight it, and use the hand-shaped cursor to drag the map to change your view.

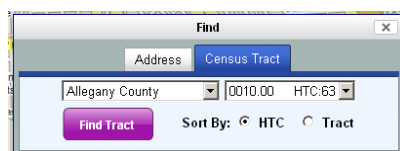
Third, it allows you to use the information, or “i” tool to click on a point in the map and discover information about it. The information displayed in the window will change depending on the map layers that are active. A pushpin icon will be placed at the located point and will remain there until a new location is chosen. Once a pushpin is placed, it cannot be removed without reloading the map and starting a new session.

Finally, it allows the user to type in an address or to choose a Census tract and find it on the map. Clicking on the button will bring up a window, which has a choice of “Address” or “Census Tract.” The desired address or tract will be highlighted and marked with a marker. Note that the marker can be removed by clicking once on it and then choosing “remove this marker.” Note also that a small window will pop up in the upper left corner with information on the address or census tract, and that a new window will open for each location, keeping a list of locations found in your work session. An individual box can be erased by clicking on the gray “X” in the upper right corner. To erase a list, simply click on the “[close all]” button. When finding an address, remember to include a ZIP code.

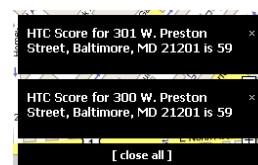
Find an Address



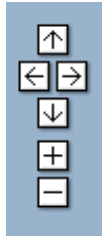
Find a Census Tract




Location List



2. Using the Pan and Zoom Controls




The pan and zoom controls are located in the upper right-hand corner of the map window. These four arrows of the pan control allow you to move the map left, right, up, or down and work in a similar fashion to the “hand” pan control described earlier. The plus and minus sign of the zoom control allow you to zoom into and out of the map to change your view. Note that, in Windows, if the “hand” pan button is clicked in the Display Toolbar, double-clicking with the left mouse button on a point in the map will zoom in one level, and double-clicking with the right button will zoom out one level. If the info () button is clicked, the map will zoom and a pushpin marker will be placed on the clicked location.

3. Using the Map Layers Window

The Map Layers window controls the data that is displayed on the map. There are a total of 44 layers that can be displayed on the map, in six separate categories:

1. Boundary – Legal and Census boundary lines, along with some relevant demographic data.
2. Public Schools (preK-12) – Point locations for all public schools in Maryland, along with important demographic data by school from FY2008.
3. Post 2000 Residential Development – Point locations for housing units built after 2000 (i.e. after the last Census). Data is from MD PropertyView.
4. Hard to Count – Data from the Census Bureau’s Tract Level Planning Database with select Census 2000 data and a “Hard to Count” score that classifies tracts by how difficult a proper Census count was in 2000.
5. Language Spoken at Home – Data by Census tract on language barriers from the 2000 Census.
6. Group Quarters Population – Percentage of people living in group quarters by Census tract, based on 2000 Census data, plus point locations for group quarters properties from MD PropertyView.



In addition, the opacity of thematic layers can be controlled, as well as the detail level of the layers through choosing “Better Display” or “Better Performance.” All layers have a legend which can be viewed by clicking the legend icon next to the name:  For some layers, more detailed information is available by clicking on the “metadata” link next to that layer’s name. Some layers will not display at all zoom levels. If a layer checkbox is grayed out, you must zoom into the map until it becomes selectable.

Note that the Map Layer window can be minimized by clicking on the minus sign in the top right hand corner to give an unobstructed view of the map.